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(Machinery--Transport, TT, v. 10, no. 7)

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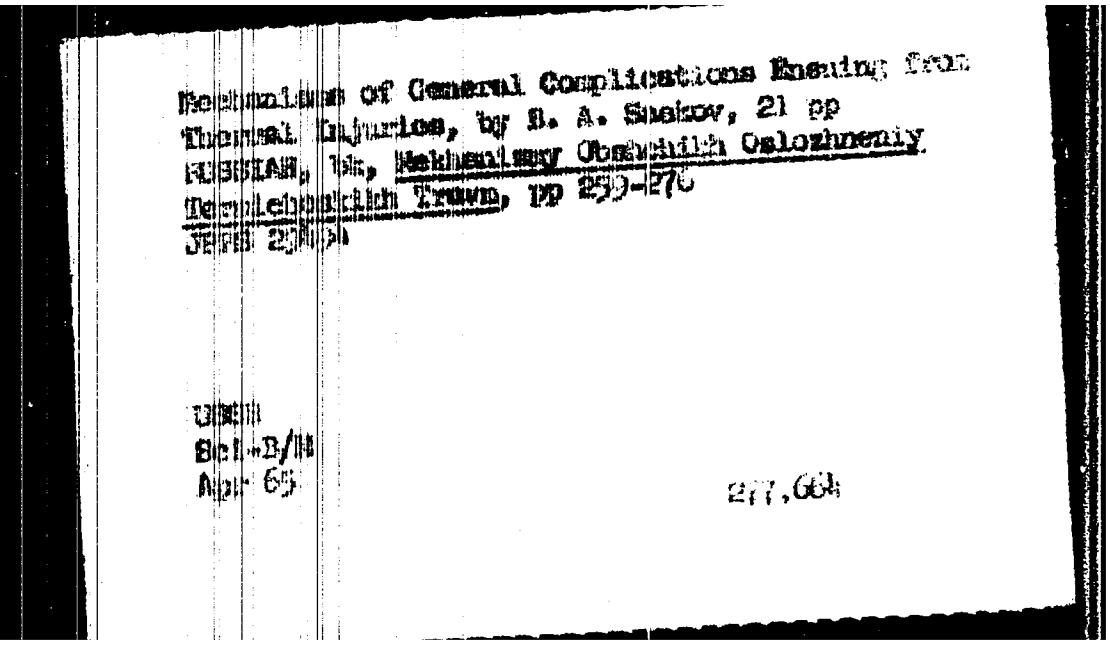

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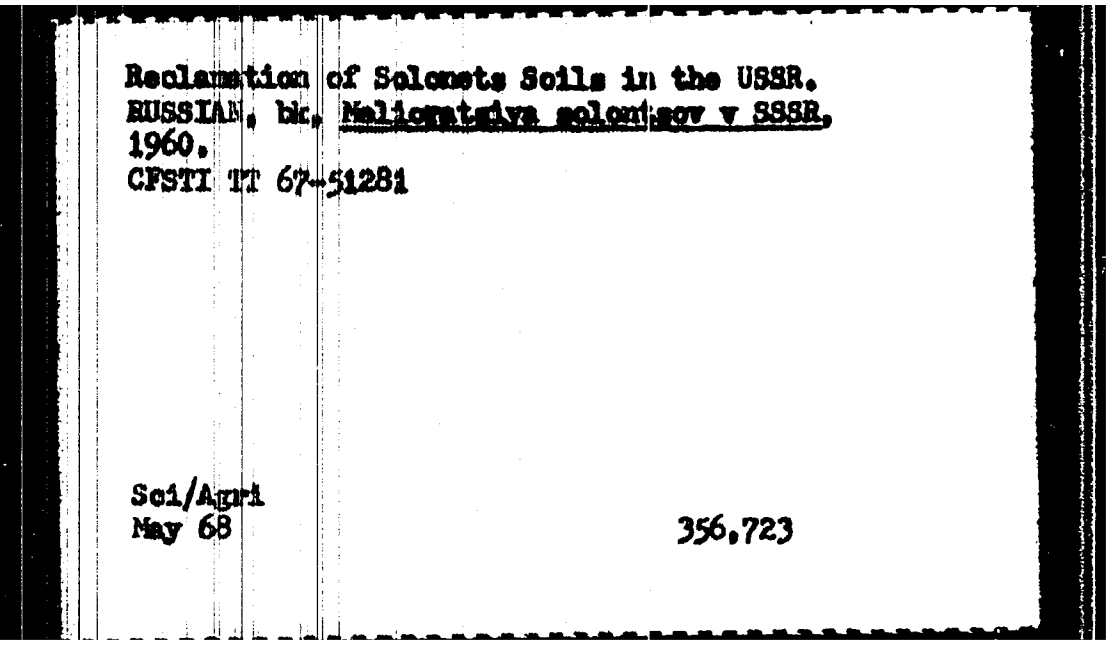

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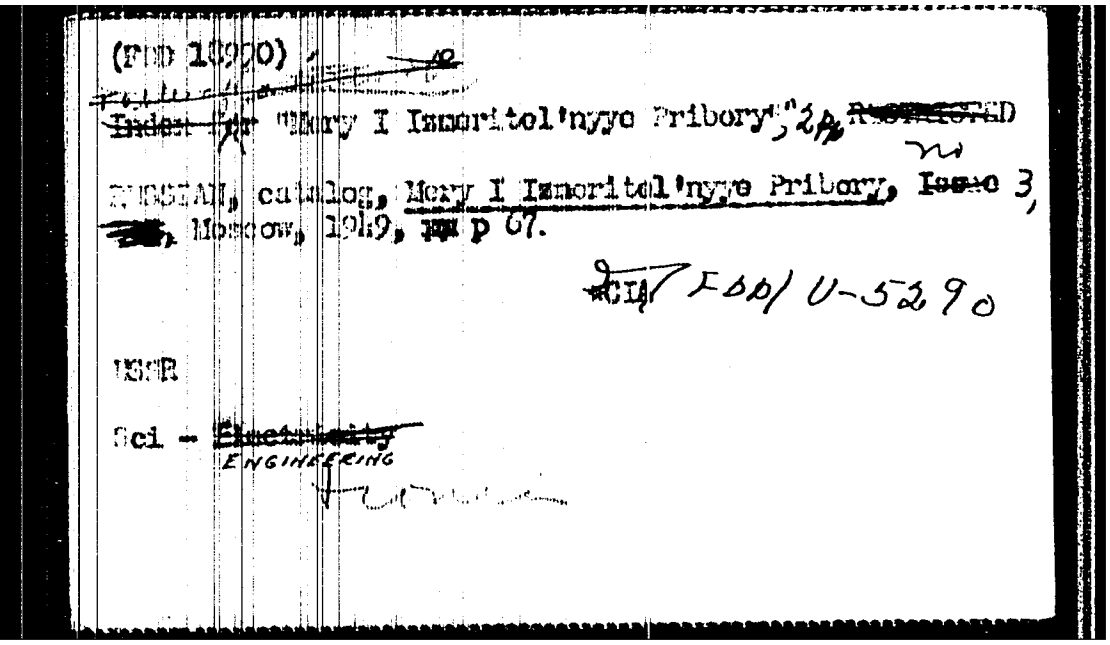

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CRREL 68-T-17(A) R-9174-D
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By: N. POLUEV

From: Merzlotnye issledovaniia 1963, No 3 :289-306 (26 p)

Russian - est for wds:

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3 pp

"The Classification of Permafrost from the Standpoint of its Formation"

A. I. Dementyev

D-3-70
Proj 1621
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14T63

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OTS PT-63-15670

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4 pp

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V. A. Kudryavtsev

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SF 9 Feb 1951

14T66

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4 pp

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A. N. Tolstov

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CRREL 21-T-66/a

R-7193-D
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By: A. V. Stotsenko

From: MEKZLOTOVEDENIIA, AKAD. NAUK SSSR, MOSCOW, 1959 (6 pp)
pp 177-182

Russian - est for wds:

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RUSSIAN, bk., Mestnaya i Reaktsiya Protoplazmy i
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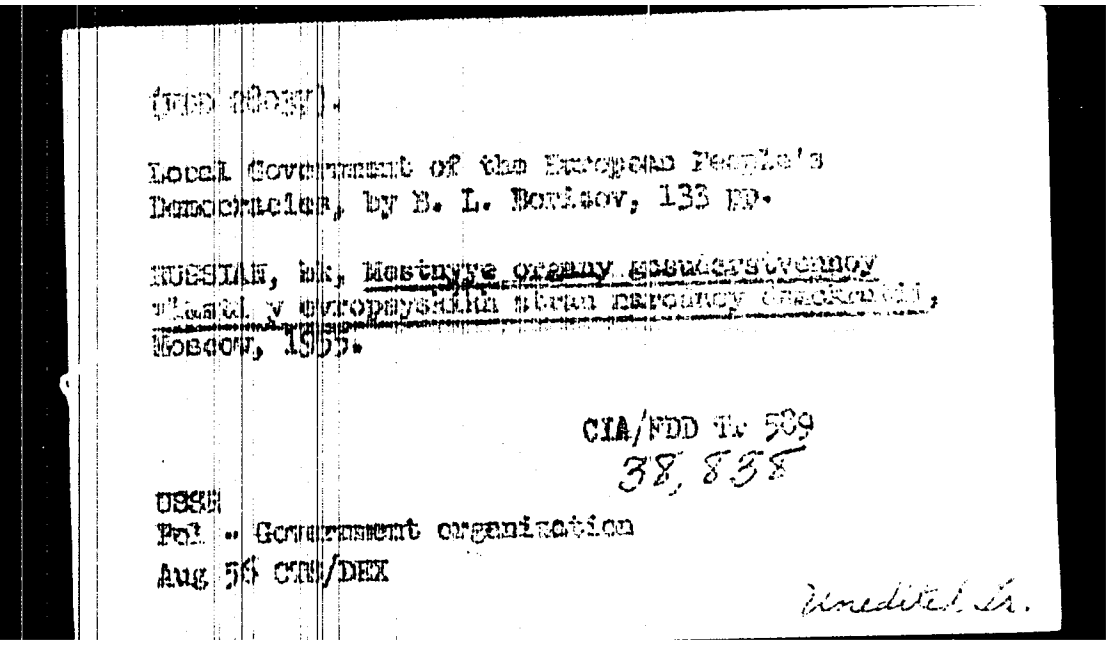

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The Place and Role of Contemporary Soil Science in Science and Life (Selected Works), by V. V. Dokuchaev. 9 pp.
RUSSIAN, bk, Mesto i Rol'sovremennogo Pochvovedeniya v Nauke i Zhizni (Izbrannyye Sochineniya), Vol III, 1949, pp 330-338.
*CFSTI TT 66-51117

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Sources of Useful Minerals, by S. A. Vakhromeyev.

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Fruits from Pollinations, by J. Regia &
J. Mandelbaurica, 3 pp.
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*CSPTI TT 68-50415

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Chemistry of Metallides, Metallochemical Properties of Elements, by I. I. Kornilov, RUSSIAN, BK, Metallidy i Vzaimodeystviye Mezhdu Nimi, 1964, 179 pp.
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A NEW METHOD OF MANUFACTURING RODS MADE OF REFRACTORY COMPOUNDS, BY V. V. PEN'KOVSKIY, G. V. SAMSONOV, 6 PP.

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JPRS 17887

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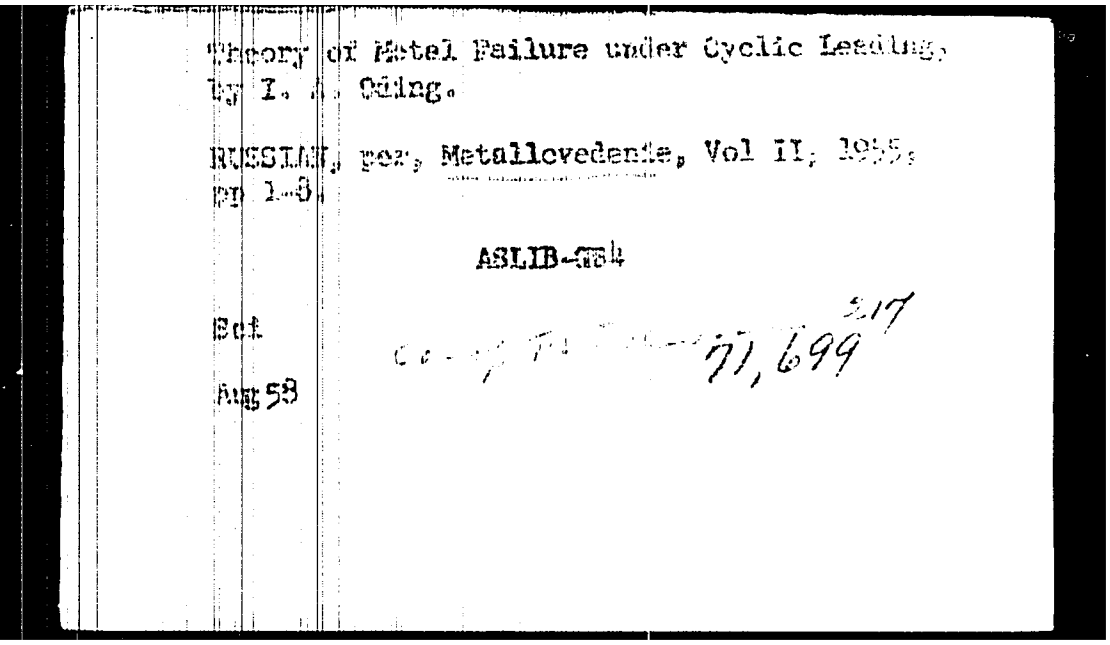

Theory of Metal Failure under Cyclic Loading,
by I. A. Oding.

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On the Cold-Shortness Tendency of Metals During Static Tensile Tests, by G. I. Pogodin-Alekseyev.

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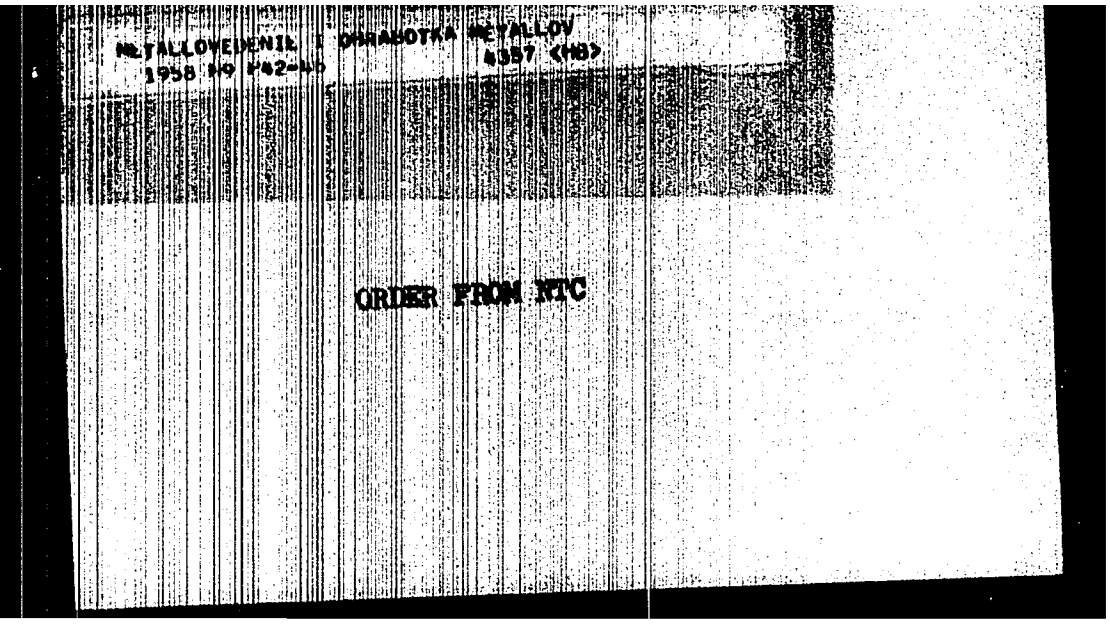

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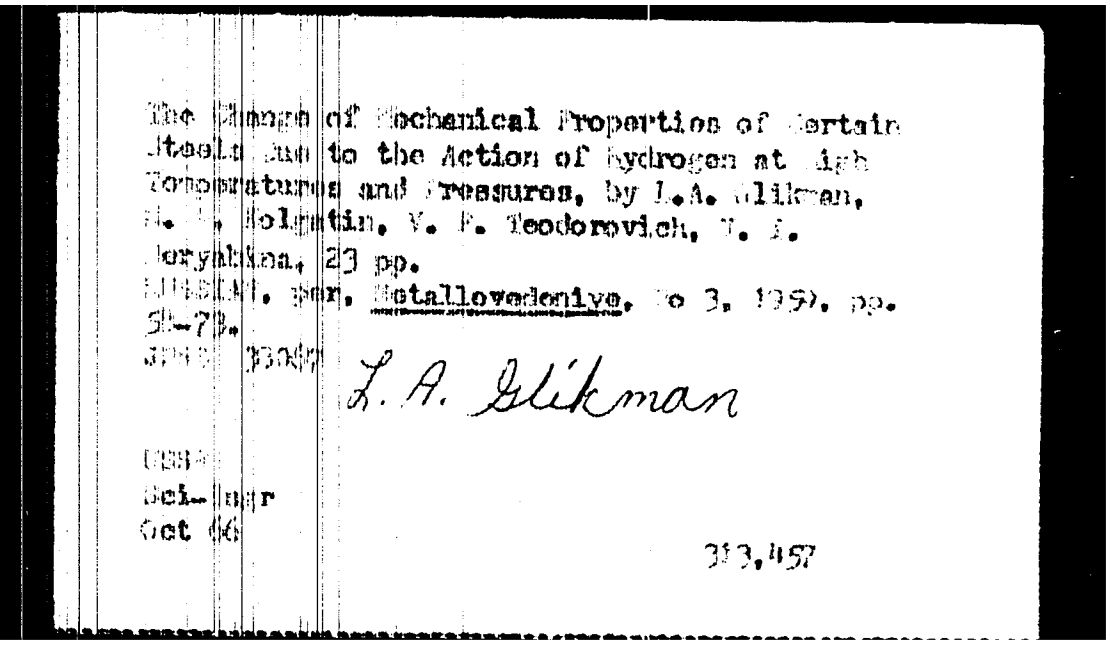

The Change of Mechanical Properties of Certain Steels Due to the Action of Hydrogen at High Temperatures and Pressures, by L.A. Glikman, M. . Bolotin, V. F. Teodorovich, T. I. Zeryukina, 23 pp.
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JPRS 3306?

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The Use of Gaseous Atmospheres for Heat Treatment of Stainless High-Temperature Strength and Titanium Materials, by A. Ya. Ishchenko, V. I. Kolchinskiy, 5 pp.

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Volume and Grain Boundary Diffusion in Fe,
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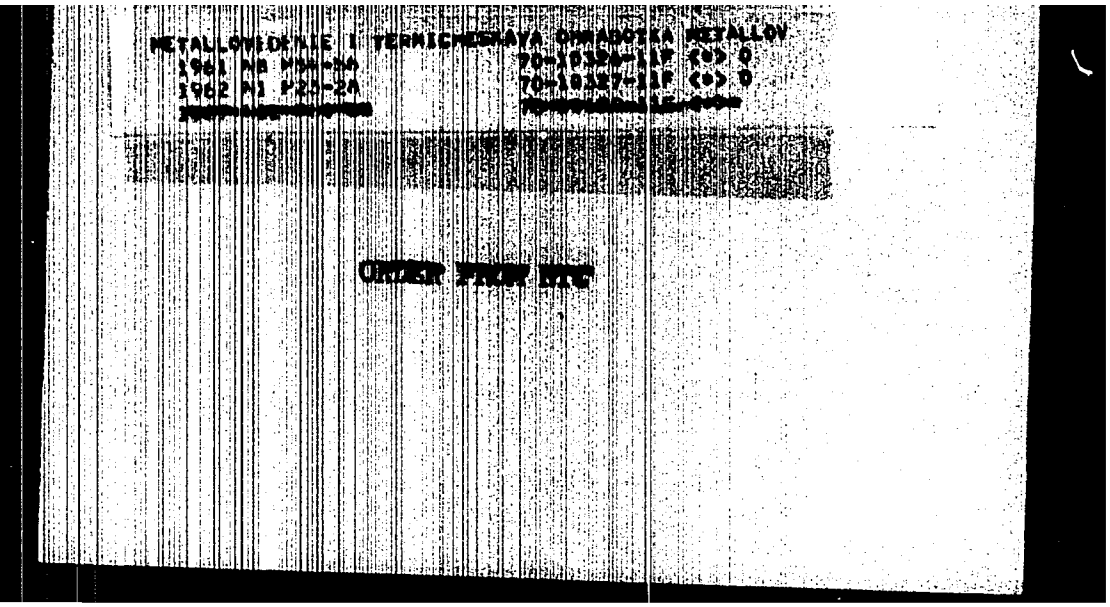

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The Effect of Separate Alloying Elements on the Heat Resistance of Metals, by P.B. Mikhailov-Mikheyev.

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ATIC MCL 481/1

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RUSSIAN, per, MEtallurg, pp 38, 39.

CIA/FDD X-5323

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Abramov, G. A.
DEHYDRATION OF THE DIHYDRATE OF MAGNESIUM CHLORIDE. [1963] [19]p. 6 refs.
Order from OTS or SLA $1.60 63-18111

Trans. of Metallurg. Leningrad (USSR) 1933, v. 8, no. 3, p. [1-19.

DESCRIPTORS: Dehydration, *Magnesium compounds, *Chlorides, *Laboratory furnaces, Dehydrators, Hydrates, Chlorine, Operation.

(Chemistry--Physical, TT, v. 10, no. 11)

63-18111

I. Abramov, G. A.

Office of Technical Services

APPROVED FOR RELEASE: Thursday, May 23, 2002 CIA-RDP91-00772R000100230053-4

APPROVED FOR RELEASE: Thursday, May 23, 2002 CIA-RDP91-00772R000100230053-4

Gus'kov, V. M.

DECOMPOSITION POTENTIALS OF Al_2O_3, MgO AND $MgCl_2$. [1963] [31p] 28refs
Order from CTS, SLA, or ATC $3.60 TT-64-10235

Trans. of Metallurg [Leningrad] (USSR) 1934 [v. 9] no. 4, p. 53-67.

DESCRIPTORS: *Aluminum compounds, *Oxides, *Magnesium compounds, *Chlorides, Electrolysis, *Decomposition, Thermodynamics, Mathematical analysis, Entropy, Enthalpy.

(Chemistry--Physical, TT, v. 11, no. 9)

TT-64-10235

1. Gus'kov, V. M.

Office of Technical Services

APPROVED FOR RELEASE: Thursday, May 23, 2002 CIA-RDP91-00772R000100230053-4

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Urazov, G. G.
TRANSFORMATIONS TAKING PLACE IN THE TERNARY SYSTEM COMPOSED OF SULPHUR, LEAD AND OXYGEN: DISCUSSION ON THE THEORY OF THE PROCESSING OF LEAD ORES BY THE METHOD OF INCOMPLETE ROASTING, AND OF THE SUBSEQUENT REACTIONS. [1963] 16p. 18 refs.
Order from OTS or SLA $1.60 63-14290

Trans. of Metallurg. [Leningrad] (USSR) 1935, v. 10, no. 3, p. 27-37.

DESCRIPTORS: *Ores (Metal sources), Processing, *Lead, *Sulfur, *Oxygen, *Phase studies, Transformations, Chemical reactions.

(Metallurgy: Nonferrous Metals, TT, v. 10, no. 5)

63-14290

I. Urazov, G. G.
II. Title: Theory...

Office of Technical Services

APPROVED FOR RELEASE: Thursday, May 23, 2002 CIA-RDP91-00772R000100230053-4

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The Solubility of Magnesium in Magnesium Chloride and in Fusion s of Magnesium Chloride, Potassium Chloride and Sodium Chloride: Conclusion, by A. I. Zhurin. RUSSIAN, per, Metallurg, Vol X, No 4, 1935, pp 87-99.
SLA TT 64-14900

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The Ternary System KCl-$MgCl_2$-NaCl, by G. A. Abramov, 72 pp.

RUSSIAN, per, Metallurg, Vol X, No 6, 1935, pp 82-105.

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RT-1761

Scientific - Chemistry Dec 54 CTS/DEX

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APPROVED FOR RELEASE: Thursday, May 23, 2002 CIA-RDP91-00772R000100230053-4

Batashev, K. P.
ELECTRICAL CONDUCTIVITY OF FUSED MIXTURES OF NaCl, KCl, and $MgCl_2$. [1963] 33p (figs omitted) 24refs
Order from OTS, SLA, or ETC $3.60 TT-64-10458

Trans. of Metallurg [Leningrad] (USSR) 1935, v. 10, [no. 7] p. 100-113.
Other translations are available from OTS or SLA $3.60 as TT-63-18136 [1963] 33p and from SLA as RT-2145 [39p].

DESCRIPTORS: *Fused materials, *Salts, *Sodium compounds, *Magnesium compounds, *Potassium compounds, *Chlorides, Electrical conductance, *Electrochemistry.

(Chemistry--Physical, TT, v. 11, no. 8)

TT-64-10458

I. Batashev, K. P.
II. RT-2145

Office of Technical Services

APPROVED FOR RELEASE: Thursday, May 23, 2002 CIA-RDP91-00772R000100230053-4

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Electrical Conductivity of Fused Mixtures of NaCl, KCl, and $MgCl_2$, by K. P. Batashov, 39 pp.

RUSSIAN, pmr, Metallurg, No 10, 1935, pp 100-113.

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Specific Heat and Heat of Fusion of Some Chlorides and Fluorides, by V. S. Lyashenko, 37 pp.

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Scientific - Chemistry 18,901

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RUSSIAN, per, Metallurg, Vol X, No 12, 1935, pp 67-73.

OTS TT-64-10158 (13 pp)
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APPROVED FOR RELEASE: Thursday, May 23, 2002 CIA-RDP91-00772R000100230053-4

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Reduction of Phosphorus During the Smelting of Iron Ores, by A. P. Lyuban, 32 pp.

RUSSIAN, per, Metallurg, Vol XI, No 2, 1936, pp 54-72.

SLA R-3334

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Thermodynamic Investigation of the Behavior of Phosphorus in the Smelting of High-Alumina Blast-Furnace Slags, by V. V. Mikhailov, 8 pp.

RUSSIAN, per, Metallurg, Vol XI, No 2, 1936, pp 72-78.

SLA R-2417

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The Effects of Barium Chloride, Calcium Chloride and Calcium Fluoride on the Electrolysis of Mgl Magnesium, by V. M. Guskov, Z. V. Yevdokimov, 11 pp.

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On the Determination of Nonmetallic Inclusions in Steel, by Yu. T. Lukashevich-Duvanova.

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Brtucher Tr No 3394

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Scientific - Min/Metals

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X-Ray Determination of the Thermal Coefficient of Expansion of Iron Nitrades, by G. F. Kosolapov, 15 pp. RUSSIAN, per, Metallurg, No 11, 1936, pp 79-86.
AIR/FTD/HC-23-2000-71

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Optimum Conditions for the Electrolytic Production of Aluminum, by G. A. Abramov, 12 pp.

RUSSIAN, per, Metallurg, Vol XI, No 12, 1936, pp 102-110.

SLA R-2583

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The Constitution of Aluminum-Silicon-Iron Alloys,
by G. G. Urazov, A. V. Shashin, 20 pp.

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SIA R-2582

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Protective Action of Berrylium During the Metling Down of Shavings of Magnesium Alloys, by L. Ya. Shpolyanskii.

Full translation.

RUSSIAN, per, Metallurgiya, Vol II, USSR, 1937, pp 101, 102.

AEC Tr 1295

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Mold Design and Influence of Mold Wall Thickness Upon Solidification of Ingot, by A. Bezdenezhnikh.

RUSSIAN, per, Metallurg, Vol XXII, No 6, 1937.

Brutcher Tr No 640

Scientific - Minerals/Metals

$7.50 14,606

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Structure of Metals and Alloys After Vacuum Heating,
by L. I. Shushpanov,

RUSSIAN, per, Metallurg, Vol XII, No 6, 1937,
pp 31-36.

Brutcher Tr No 3304

Scientific - Min/Metals

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